Data Sheet

We make sure

FUJITSU COMPUTERS SIEMENS

AMILO Xa 2528 / Xa 2529

X-treme multimedia x-perience

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Saturday evening, you are sitting on your sofa and you have all options for an exciting evening.
You want to watch your latest Hollywood blockbuster with your friend, popcorn and a coke? – Use the AMILO Xa 2528 as DVD player and connect it to your TV set.
You want to be the DJ on your best friend's birthday party and let rock his guests? – Wrap your notebook with your great music collection and be the cool guy at the turntables.
You want to see your sister working abroad for one year? – Call him via Internet and show him a big grin via the integrated webcam of your AMILO Xa 2528.

The AMILO Xa 2528 combines an elegant midnight brushed design with cool multimedia-features, which brings more fun in your life.

Features

- Latest processor technology from AMD: AMD Turion™ 64 X2 dual-core mobile technology up to TL-68 (2.4 GHz)
- Midnight brushed design meets multimedia power house
- 17" WXGA+ LCD display with BrilliantView technology for vivid colors, amazing sharpness and impressive contrast.
- Integrated webcam (1.3 mega pixels) and built-in array microphone is perfect for Internet telephoning (VoIP) and video chats
- Many interfaces to connect you to all your external storage devices and video equipment.
- Enjoy your games with the great NVIDIA® GeForce® 8600M GS graphic card with 256MB DDR2 dedicated video memory (3D Benchmark 2006: up to 2000, depending on configuration & settings)
- Optional dual HDD with up to 320 GB storage capacity for all your pictures, music and videos.
- Enjoy your music with two high-quality speakers and integrated subwoofer.
- Up to 2 GB dual DDR2 support for fast access to all your data.
- Integrated Wireless LAN (802.11b/g or 802.11a/b/g/n standard) to go online when and wherever you want.
- Bluetooth® 2.0 for cordless connectivity to your mobile phone, head set, etc.
- Integrated Vista remote control for ultimate comfort
- Windows Vista® Home Premium and Application Software

Operating system
Windows Vista® Home Premium

Fujitsu Siemens Computers recommends
Windows Vista® Home Premium

Optional Application Software
Microsoft® Works + Office Trial STE Edition
Intervideo WinDVD 8 (DVD playback software)
Nero 7 Essentials CD/DVD burn software
CyberLink PowerDV (software for webcam)
Adobe Reader
Norton Internet Security Suite or Norman Anti-Virus
Country specific Internet Service Providers

Fujitsu Siemens Computers Recovery Program
Backup and restore the original status of the hard disk and create system restore disks

or individual recovery media on CD or DVD are included

Manuals
Manual (on hard disk), quick start guide, safety guide, warranty guide, recovery guide

Drivers
Updates downloadable at
http://www.fujitsu-siemens.com

System, processors, architecture
Chipset: NVIDIA® C51D+MCP51
CPU: AMD Turion™ 64 X2 up to TL-68 (2.4 GHz)

Memory
512 MB or 1024 MB dual DDR2 (667 MHz) support in 2 SO-DIMM memory slots (no memory on board);
up to 2 GB complete memory

Storage devices / drives
HDD: 120 or 160 GB SATA (5400 rpm) hard disk
ODD:
Super Multi format DVD burner with double layer (DL) support
Read speed: CD-ROM 24x, DVD-ROM 8x
Write speed: CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x, DVD-RW 6x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x

Display:
Compliance with standards
ISO 13406-2 class II
17” TFT WXGA+, 1440 x 900 pixel
BrilliantView technology

ACPI functions
S1 standby (LCD off)
S3 save to RAM
S4 save to disk
S5 soft off

Graphics
NVIDIA® GeForce® 8600M GS with
256 MB DDR2 dedicated video memory and up to 767 MB shared memory[2]
(3D Benchmark 2006: up to 2200 points, depending on configuration & settings)

MXM-II technology:
High performance ultra-threaded 3D graphics engine;
Advanced Shader Model 3.0 support, for realistic mobile gaming;
Pure Video™ Video Engine, for superior quality pictures and videos;
NVIDIA® PowerMizer® 6.0 for extended battery life

I/O Interfaces
1x IEEE1394
3x USB 2.0 ports,
1x S-Video out, 1x DVI-I,
1x Modem, 1x LAN, 1x WLAN, 1x BT,
1x 4-in-1 flash card port SD/MS/MMC/MSPRO,
1x Express Card slot (34/54 mm),
1x CIR,
1x line in, 1 x microphone in,
1x headphone out shared with S/PDIF,
1x power supply (DC-In)

Communications
Built-in 56 K, V.92 international modem
Integrated Bluetooth® 2.0
10/100/1000 Mbps LAN

AMILO Xa 2528
Integrated Wireless LAN (IEEE 802.11b/g) solution:
- Industry standard wireless LAN security support
- Speeds up to 54 Mbps
- WLAN/BT on/off switch

AMILO Xa 2529
Integrated Wireless LAN (IEEE 802.11a/b/g/n) solution:
- Industry standard wireless LAN security support
- Connection rates up to 300 Mbps
- WLAN/BT on/off switch

For use in BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY, NL

Audio
Support of HD audio for S/PDIF output with up to 7.1 channels, 2 built-in speakers (2x 2 W),
built-in array microphone, microphone in, line in,
headphone out shared with S/PDIF support
1x built-in subwoofer (3 W)
1x volume wheel (regulator per function key)

Webcam
1.3 Mpixel, auto focus, automatic brightness adjustment with status LED (on/off/busy)

Launch Keys
5 Launch Keys located on top of the keyboard enabling the user to launch the following applications:
- Internet browser
- Silent mode
- Webcam
- Multimedia key
- Power on/off

Hot Keys
The notebook uses hotkeys or key combinations for:
Fn-F1 Suspend/Standby
Fn-F3 Display toggle, switches display output between display screen and external monitor or to dual view
Fn-F5 Touchpad on/off
Fn-F6 Mute
Fn-F8 Decrease display brightness
Fn-F9 Increase display brightness
Fn-F10 Volume down
Fn-F11 Volume up

Pointing device & control buttons
Touchpad with a left and right mouse button
Power button / lid switch

Status indicators
The notebook has 9 status LED's:
Wireless status (WLAN & BT on/off)
Caps Lock
Num Lock
Scroll Lock
Media activity (ODD/HDD)
Power status
Battery status
Silent mode on/off
Touchpad on/off

Security
User and supervisor password
Kensington lock support

Power system
Li-Ion battery, 6 cells, 11.1 V / 4400 mAh
approximately 2:00 hrs battery runtime, depending on usage[2]
Dynamic charge supported, ACPI 2.0 supported
External universal AC adapter:
110 – 240 V AC, 50 – 60 Hz, output: 90 W with 20 V DC

Dimensions and weight
399 mm (W) x 299 mm (D) x 33.0mm/39.5 mm (back) (H)
4.0 kg[3]

Operating conditions
Operational: 5 ℃ to 35 ℃ (ambient temperature)
10 % to 90 % relative humidity, non-condensing
AC input 100 – 240 V, 50 – 60 Hz

Certifications
GOST
CE Marking
R&TTE (WLAN, Bluetooth®)

Warranty
Country specific terms

Accessories (included)
AC adapter
Li-Ion battery
Carrying case
Vista remote control

1) Resolution is only available on request.
2) 512MB system memory enables up to 64 MB shared memory, 1GB system memory enable up to 255MB shared memory and 2GB system memory enable up to 767MB memory
3) Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Recharge time varies depending on usage.
4) Weight may vary depending on actual configuration.

The configuration described in this document is generic only and non-binding. For the exact configuration of your AMILO, please contact your licensed dealer.

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